Bruhat Bangalore Mahanagara Palike
Excecutive Engineer Yelahanka Zone Project Division
Name of Work: Maintenace of Footpath and Roads in Ward No.04

					Estimate Cost Rs.			7.50 Lakhs	
Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
1	KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. (P.No.149, I.No.19.1 of PW,P&IWTD S.R 2018-19)								
	Basic rate	130.00							
	6% AW	7.80							
	Sub Total	137.80							
	Lead 10 km	82.60							
	Total	220.40							
		1	164.00	0.60	0.60	59.04			
		1	70.00	0.60	0.60	25.20			
		1	120.00	0.60	0.60	43.20			
						127.44	**Cum**	**220.40**	**28,087.78**
2	KSRB 5-11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 5.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. (P.No.27, I.No.5.27.1 of PW,P&IWTD S.R 2018-19)								
	Basic rate	912.00							
	Area weightage 6%	54.72							
	Sub total	966.72							
	Flagging Course	2	164.00		0.20	65.60			
		2	70.00		0.20	28.00			
		2	120.00		0.20	48.00			
						141.60	**Sqm**	**966.72**	**136887.55**
3	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. (P.No.13, I.No.4.6 of PW,P&IWTD S.R 2018-19)								
	Basic rate	5422.00							
	Area weightage 6%	325.32							
	Total	**5747.32**							
	Flagging Course	2	164.00	0.20	0.10	6.56			
		2	70.00	0.20	0.10	2.80			
		2	120.00	0.20	0.10	4.80			

						14.16	Cum	5747.32	81,382.05
4	Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)								
	Data rate	2337.00							
	Missing Slabs	1	70.00	0.90		63.00			
		1	40.00	0.90		36.00			
		1	50.00	0.90		45.00			
						144.00	**Sqm**	**2337.00**	**336528.00**
5	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete. As per the direction of Engineer incharge. Item No 5.30, Page No.27								
	Basic rate	408.00							
	Area weightage 6%	24.48							
	Total	**432.48**							
	Missing Kerb Stones	1	80.00			80.00			
						80.00			
						178.00	**Nos**	**432.48**	**76,981.44**
6	KSRB 15-19.1 : Providing and applying ready mix priming coat over concrete / masonry / asbestos cement sheet / plastered surfaces including preparing the surface after thoroughly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications. I.No.15.80, Page No.124								
	Basic rate	37.00							
	Area weightage 6%	2.22							
	Total	**39.22**							
	Missing Kerb Stones	1	80.00	0.45		36.00			
						36.00	**Sqm**	**39.22**	**1,411.92**
7	KSRB 15-19.2 : Providing and applying spray painting in one coat (excluding priming coat) over concrete / masonry / asbestos cement sheet /plastered surfaces with flat wall paint of approved brand to give even shade after cleaning the surface of all dirt, dust and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications. Item No 15.82, Page No.124								
	Basic rate	55.00							
	Area weightage 6%	3.30							
	Total	**58.30**							
	Missing Kerb Stones	1	80.00	0.45		36.00			

						36.00	Sqm	58.30	2,098.80
								Total Construction Cost	663377.54
								12% GST	79,605.30
								1% PMC Charges	6,633.78
								Sub Total	749616.62
								Miscellaneous & Rounding off	383.38
	GRAND TOTAL								750000.00

Certificate

1. The workspot was inspected and works is found to be necessary.
2. The area comes within the Bruhat Bangalore Mahanagara Palike limits.
3. The rates adopted based on the PWD SR,Bangalore circle for year 2018-2019.and Data Rates

Assistant Engineer,
Yelahanka Project Division,
BBMP Bangalore

Asst. Executive Engineer,
Yelahanka Project Division,
BBMP Bangalore

Executive Engineer,
Yelahanka Project Division,
BBMP Bangalore

Administrative Approval
Accorded For Rs. 7.50 lakhs only
Head of A/C P-3296
CER NO :09 Dt: 19/10/19
E.E. (Project) 19/x

Technical Sanction
Accorded For Rs. 7.50 lakhs
Head of A/C P-3296
CER NO :07 Dt: 19/10/19
E.E. (Project) 19/x/19